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6 ~~11.~~ (Third Amendment) In an adaptive speed control system for a vehicle, a system for controlling vehicle deceleration, the system comprising:

a receiver for receiving an input signal indicative of a speed of the vehicle; and

C1 a controller for setting a maximum allowed vehicle deceleration based on the vehicle speed, wherein, to set the maximum allowed vehicle deceleration, the controller is operative to decrease the maximum allowed vehicle deceleration as the vehicle speed increases.

7 ~~12.~~ (Third Amendment) In an adaptive speed control system for a vehicle, a system for controlling vehicle deceleration, the system comprising:

a receiver for receiving an input signal indicative of a speed of the vehicle; and

a controller for setting a maximum allowed vehicle deceleration based on the vehicle speed, wherein, to set the maximum allowed vehicle deceleration, the controller is operative to increase the maximum allowed vehicle deceleration as the vehicle speed decreases.

8 ~~14.~~ (Third Amendment) In an adaptive speed control system for a vehicle, a system for controlling vehicle deceleration, the system comprising:

a receiver for receiving an input signal indicative of a speed of the vehicle; and

C2 a controller for setting a maximum allowed vehicle deceleration based on the vehicle speed, wherein the maximum allowed vehicle deceleration varies in a range between about 0.2 g and 0.3 g.

9 ~~15.~~ (Third Amendment) In an adaptive speed control system for a vehicle, a system for controlling vehicle deceleration, the system comprising:

a receiver for receiving an input signal indicative of a speed of the vehicle; and

a controller for setting a maximum allowed vehicle deceleration based on the vehicle speed, wherein the maximum allowed vehicle deceleration is an exponential function of the vehicle speed.